

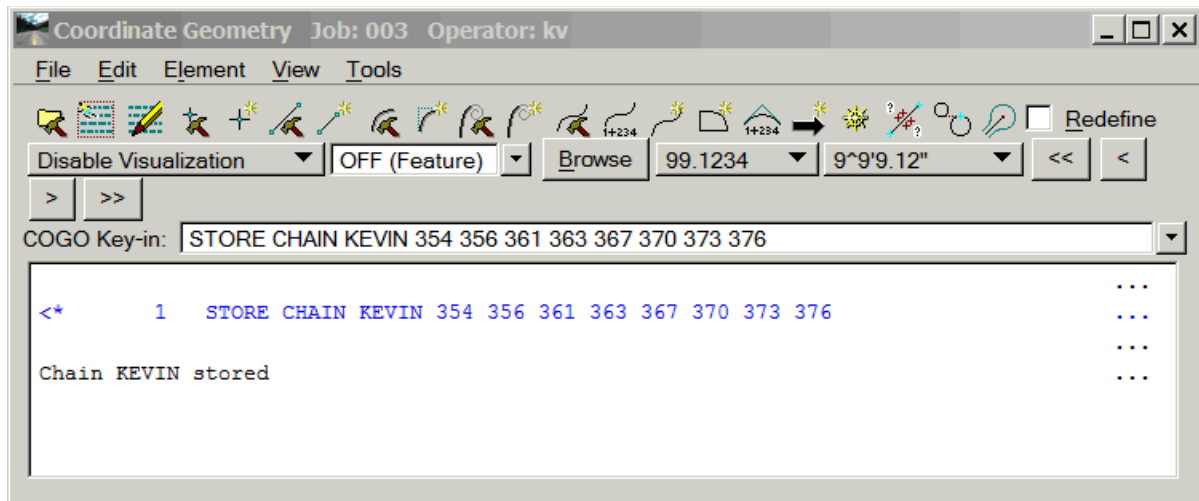
Data Acquisition Survey Chain to COGO Profile

Far below in [Blue](#) is a Survey Chain called "130.1_1" that was exported out of Data Acquisition.

To create a profile that matches that Survey Chain you would use the following two "[Key-In Commands](#)":

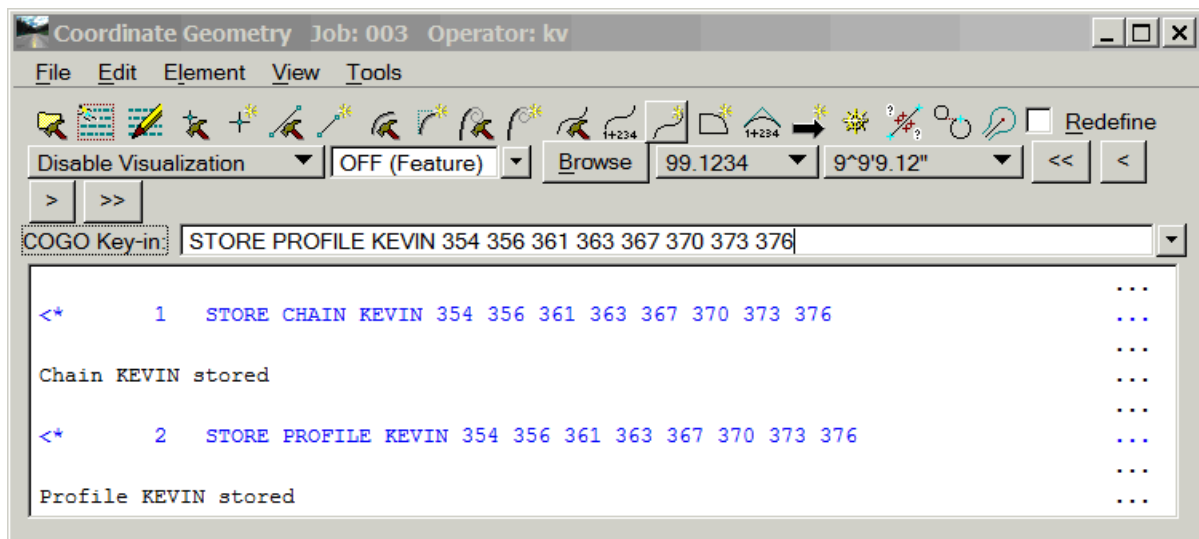
First store a horizontal COGO Chain from the Survey Chain with the following command:

STORE CHAIN KEVIN 354 356 361 363 367 370 373 376

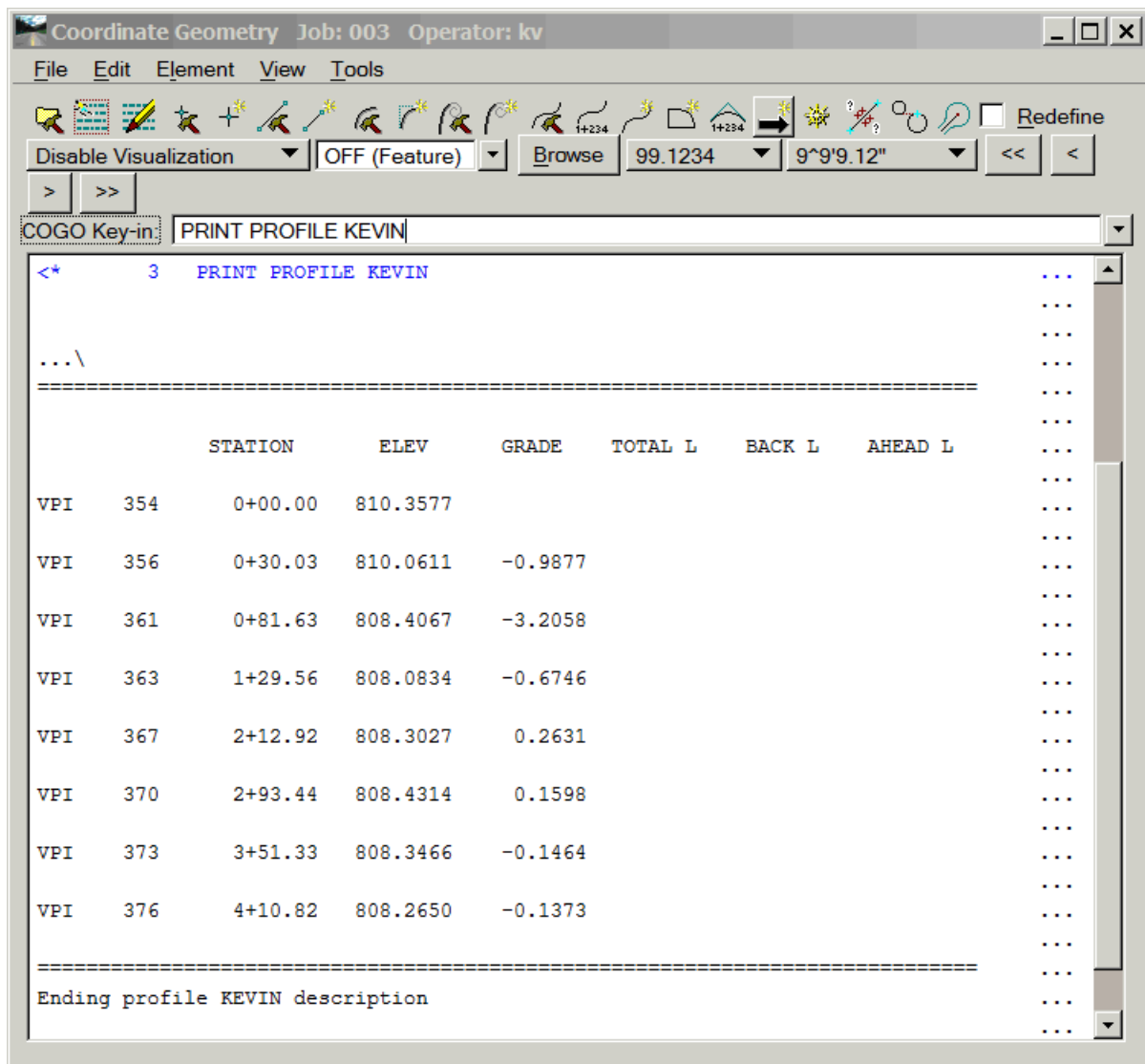


Next Store the Profile with the following command:

STORE PROFILE KEVIN 354 356 361 363 367 370 373 376



Below is the description of the Profile:



Below is the original 130.1_1 Survey Chain:

```
<*      16  DESCRIBE SURVEY CHAIN 130.1_1

Survey chain 130.1_1 contains:
354 356 361 363 367 370 373 376

Beginning survey chain 130.1_1 description.
Data Set:      FIELD BOOK 1
Zone:          1
Attribute:     GROUND
Feature:       130.1
Description:
Station:       0+00.00
=====
Point:354      N    1,105,143.0493 E    1,791,665.2995 Z    810.3577
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
      Course from 354 to 356  N    1° 13' 05.41" E Dist 30.0271
                               Slope Dist 30.0285 Elev Diff 0.2966 Grade 0.0099
      -----
Point:356      N    1,105,173.0695 E    1,791,665.9379 Z    810.0611
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
      Course from 356 to 361  N    3° 02' 14.17" E Dist 51.6073
                               Slope Dist 51.6338 Elev Diff 1.6544 Grade 0.0321
      -----
Point:361      N    1,105,224.6043 E    1,791,668.6723 Z    808.4067
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
      Course from 361 to 363  N    1° 30' 48.36" E Dist 47.9256
                               Slope Dist 47.9267 Elev Diff 0.3233 Grade 0.0067
      -----
Point:363      N    1,105,272.5133 E    1,791,669.9381 Z    808.0834
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
      Course from 363 to 367  N    1° 25' 43.27" E Dist 83.3568
                               Slope Dist 83.3571 Elev Diff -0.2193 Grade -0.0026
      -----
Point:367      N    1,105,355.8442 E    1,791,672.0164 Z    808.3027
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
      Course from 367 to 370  N    0° 01' 54.88" E Dist 80.5277
                               Slope Dist 80.5278 Elev Diff -0.1287 Grade -0.0016
      -----
Point:370      N    1,105,436.3719 E    1,791,672.0613 Z    808.4314
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
      Course from 370 to 373  N    1° 55' 22.99" E Dist 57.8807
                               Slope Dist 57.8807 Elev Diff 0.0847 Grade 0.0015
      -----
Point:373      N    1,105,494.2199 E    1,791,674.0036 Z    808.3466
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
      Course from 373 to 376  N    0° 34' 53.65" E Dist 59.4938
                               Slope Dist 59.4938 Elev Diff 0.0817 Grade 0.0014
      -----
Point:376      N    1,105,553.7106 E    1,791,674.6075 Z    808.2650
      Dataset:FIELD BOOK 1      Zone:1 Geometry:POINT Attribute:GROUND
      Feature:      130.1
      -----
=====
Ending survey chain 130.1_1 description.
```